Proceedings of the Open University Geological Society
Volume 3 2017

Articles

page

ii Committee of the Open University Geological Society 2016
iii Dissemination of information pathways
iv Editorial
1 **OUGS AGM 2016 Keynote Lecture:** The varied geology of the Yorkshire coast
Will Watts
11 **OUGS AGM 2016 Geoff Brown Memorial Lecture:** Tambora 1815, super-volcano eruptions, and the future volcanic threat
Prof. Bill McGuire
15 **OUGS Symposium, Exeter 2016:** How the West was Made
15 Beneath Cornubia: public perceptions of the geological subsurface in the South West
Prof. Iain Stewart
25 Devonian-Carboniferous rifting and Variscan plate convergence: south-west England and the closure of the Rheic Ocean [Abstract only]
Dr Robin Shail
27 Early post-Variscan tectonics and magmatism: south-west England granites and their associated mineralisation [Abstract only]
Dr Robin Shail
29 Red rocks and volcanoes — the Permian of Devon [Abstract only]
Dr Richard Scrivener and Dr Sarita McVicar Wright
31 The Critical West: raw materials and rare earths
Prof. Frances Wall and Camilla Owens
41 Industrial Minerals in south-west England
Prof. Peter W. Scott
47 Tectonic inversion on the Somerset coast
Dr Mark Anderson
51 Tellus South West data usage: a review (2014–2016)
C. M. Yeomans
63 The use of archaeological and historical data in interpreting river evolution: a case study from the Exe Valley, Devon, UK
Dr Jenny Bennett
71 How the weather shapes the West [Abstract only]
Felicity Liggins
73 Dartmoor glaciation
Dr Stephan Harrison
87 Summing up by OUGS President
Dr Steve Blake
89 More Mantle in the Mountains – a further excursion to the Betic Cordillera of southern Spain
Hilary Black, Chris Daniel, Liz Davenport, Liam Dunne, Linda Fowler (and editor), Rhona Fraser, Sally Munnings, Isabel O'Brien, Alan Painter, Gill Toney and Tony Wallbank
117 More Mantle in the Mountains: petrographic report
Julian Overnell
123 Miocene-Pliocene sedimentation in the Sorbas Basin, Almería region, south-east Spain and its relationship to the Messinian Salinity Crisis
Dr Duncan Woodcock
133 The Virtual Microscope for Earth Sciences: a case study at the Open University
Prof. Simon Kelley

Book reviews are on pages 10, 24, 26, 28, 30, 40, 62, 71, 72, 116 and 132

Editor's notes to contributors — page 141

following page 141
OUGS Moyra Eldridge Photographic Competition 2016: *Winning and Highly Commended photographs*

It is the responsibility of authors to obtain the necessary permission to reproduce any copyright material they wish to use in their articles. The views expressed in the OUGS Proceedings *are those of the individual authors and do not represent those of the Open University Geological Society. In the opinion of the author the description of venues are accurate at the time of going to press; the Open University Geological Society does not accept responsibility for access, safety considerations or adverse conditions encountered by those visiting the sites described in these articles.*

Following, and paginated separately:

1–42 ***OUGS Annual Report for 2016*** (AGM 2016, Officer and Branch Organiser reports, OUGS Constitution, OUGS Journal & Proceedings Index)

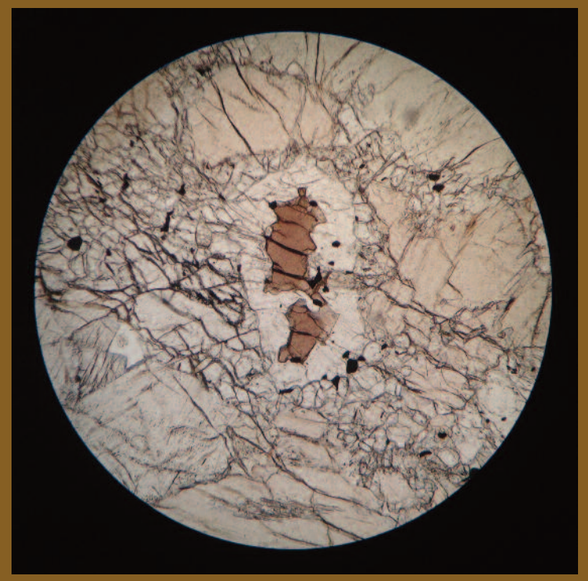
Cover image: Thin sections of peridotite (Sample21/04/16_9, PPL & XPL) from northern estapona, Andalucía (photograph © 2016 Julian Overnell).

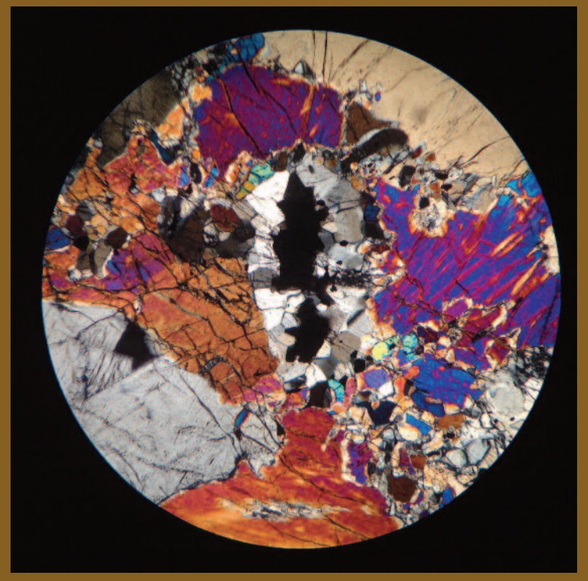
Open University Geological Society Journal
ISSN 2058-5209 © Copyright reserved

Open University Geological Society Website: ougs.org

Proceedings of the Open University Geological Society
Volume 3 2017

Proceedings of the Open University Geological Society





Volume 3 2017